


RECEIVED
Page 6 of 4

FEB 28 2003

TECH CENTER 1600/2900

RECEIVED
FEB 25 2003
TECHNOLOGY CENTER R3700

Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) 	Atty. Docket No. A32212-PCT-USA 072396.0234	Serial No. 09/91475
	Applicant Petersen <i>et al.</i>	
	Filing Date March 1, 2002	Group 3738
	Examiner Unassigned	

U.S. PATENT DOCUMENTS

*Exam. Init.	No.	Document No.	Date	Name	Class	Subclass	Filing Date if Appro.

FOREIGN PATENT DOCUMENTS

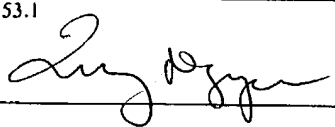
No.	Document No.	Date	Country	Class	Subclass	Translation Yes No

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

No.	
1.	Petersen BE, Goff JP, Greenberger JS, Michalopoulos GK. Hepatic oval cells express the hematopoietic stem cell marker Thy-1 in the rat. Hepatology 1998;27:433-445.
2.	Petersen BE, Zajac VF, Michalopoulos GK. Hepatic oval cell activation in response to injury following chemically induced periportal or pericentral damage in rats. Hepatology 1998;27:1030-1038.
3.	An J, Beauchemin N, Albanese J, Abney TO, Sullivan AK. Use of a rat cDNA probe specific for the Y chromosome to detect male-derived cells. J Androl 1997;18:289-293.

NY02:428153.1

Examiner



Date Considered

2/4/04

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT (See several sheets if necessary)	Atty. Docket No. A32212-PCT-USA 072396.0234	Serial No. 09/914,175
	Applicant Petersen <i>et al.</i>	
	Filing Date March 1, 2002	Group 3738 1638
	Examiner Unassigned	

RECEIVED
FEB 25 2003
TECHNOLOGY CENTER RS/LL

OIP
FEB 24 2003
PATENT & TRADEMARK OFFICE

No.	OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)
4.	Grisham, J.W. and Thorgiersson, S.S. in Stem Cells, C.S. Potter, Ed. (Academic Press, San Diego, CA 1997) pp. 233-282.
5.	Omori M, Omori N, Evarts RP, Teramoto T, Thorgeirsson SS. Coexpression of flt-3 ligand/flt-3 and SCF/c-kit signal transduction system in bile-duct-ligated SI and W mice. Am J Pathol 1997;150:1179-1187.
6.	Omori N, Omori M, Evarts RP, Teramoto T, Miller MJ, Hoang TN, Thorgeirsson SS. Partial cloning of rat CD34 cDNA and expression during stem cell-dependent liver regeneration in the adult rat. Hepatology 1997;26:720-727.
7.	An J, Rosen V, Cox K, Beauchemin N, Sullivan AK. Recombinant human bone morphogenetic protein-2 induces a hematopoietic microenvironment in the rat that supports the growth of stem cells. Exp Hematol 1996;24:768-775.
8.	Murase N, Starzl TE, Ye Q, Tsamandas A, Thomson AW, Rao AS, Demetris AJ. Multilineage hematopoietic reconstitution of supralethally irradiated rats by syngeneic whole organ transplantation. With particular reference to the liver. Transplantation 1996;61:1-4.
9.	Novikoff PM, Yam A, Oikawa I. Blast-like cell compartment in carcinogen-induced proliferating bile ductules. Am J Pathol 1996;148:1473-1492.
10.	Rao MS, Reddy JK. Hepatic transdifferentiation in the pancreas. Semin Cell Biol 1995;6:151-156.
11.	Yagihashi A, Takahashi S, Murase N, Starzl TE, Iwaki Y. A monoclonal antibody (L21-6) recognizing an invariant chain expressed on the cell surface in rats with the exception of the BN (RT1n): a study of tissue and strain distributions. Transplant Proc 1995;27:1519-1521.
12.	Tsamandas AC, Jain AB, Raikow RB, Demetris AJ, Nalesnik MA, Randhawa PS. Extramedullary hematopoiesis in the allograft liver. Mod Pathol 1995;8:671-674.

NY02:428153.1	Examiner <i>Long Nguyen</i>	Date Considered 2/4/04
---------------	-----------------------------	------------------------

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office	Atty. Docket No. A32212-PCT-USA 072396.0234	Serial No. 09/914,175
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant Petersen <i>et al.</i>	
	Filing Date March 1, 2002	Group 3738
	Examiner Unassigned	

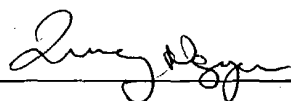
RECEIVED
FEB 24 2003
TECHNOLOGY CENTER R3708

PTO
FEB 24 2003
PATENT & TRADEMARK OFFICE 8500

	No.	OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)
an	13.	Fujio K, Evarts RP, Hu Z, Marsden ER, Thorgeirsson SS. Expression of stem cell factor and its receptor, c-kit, during liver regeneration from putative stem cells in adult rat. Lab Invest 1994;70:511-516.
	14.	Thorgeirsson SS, Evarts RP, Bisgaard HC, Fujio K, Hu Z. Hepatic stem cell compartment: activation and lineage commitment. Proc Soc Exp Biol Med 1993;204:253-260.
	15.	Defrances MC, Wolf HK, Michalopoulos GK, Zarnegar R. The presence of hepatocyte growth factor in the developing rat. Development 1992;116:387-395.
	16.	Sakamoto T, Saizawa T, Mabuchi A, Norose Y, Shoji T, Yokomuro K. The liver as a potential hematolymphoid organ examined from modifications occurring in the systemic and intrahepatic hematolymphoid system during liver regeneration after partial hepatectomy. Reg Immunol 1992;4:1-11.
	17.	Bartles JR, Rao MS, Zhang LQ, Fayos BE, Nehme CL, Reddy JK. Expression and compartmentalization of integral plasma membrane proteins by hepatocytes and their progenitors in the rat pancreas. J Cell Sci 1991;98:45-54.
	18.	Faris RA, Monfils BA, Dunsford HA, Hixson DC. Antigenic relationship between oval cells and a subpopulation of hepatic foci, nodules, and carcinomas induced by the "resistant hepatocyte" model system. Cancer Res 1991;51:1308-1317.
	19.	Lindroos PM, Zarnegar R, Michalopoulos GK. Hepatocyte growth factor (hepatopoietin A) rapidly increases in plasma before DNA synthesis and liver regeneration stimulated by partial hepatectomy and carbon tetrachloride administration. Hepatology 1991;13:743-750.
an	20.	Sakamoto T, Mabuchi A, Kuriya S, Sudo T, Aida T, Asano G, Shoji T, Yokomuro K. Production of granulocyte-macrophage colony-stimulating factor by adult murine parenchymal liver cells (hepatocytes). Reg Immunol 1990-91;3(5):260-267.

NY02:428153.1

Examiner

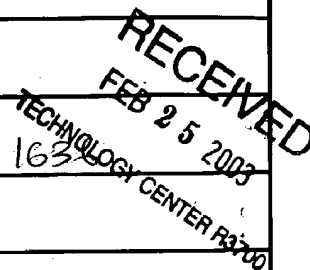
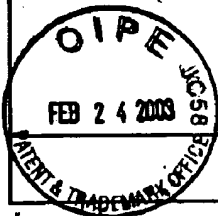


Date Considered

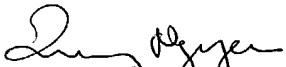
2/4/04

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Atty. Docket No. A32212-PCT-USA 072396.0234	Serial No. 09/914,175
	Applicant Petersen <i>et al.</i>	
	Filing Date March 1, 2002	Group 3738
	Examiner Unassigned	



	No.	OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)
QW	21.	Hixson DC, Faris RA, Thompson NL. An antigenic portrait of the liver during carcinogenesis. Pathobiology 1990;58:65-77.
	22.	Barbera-Guillem E, Ayala R, Vidal-Vanaclocha F. Differential location of hemopoietic colonies within liver acini of postnatal and phenylhydrazine-treated adult mice. Hepatology 1989;9:29-36.
	23.	Evarts RP, Nagy P, Nakatsukasa H, Marsden E, Thorgeirsson SS. In vivo differentiation of rat liver oval cells into hepatocytes. Cancer Res 1989;49:1541-1547.
	24.	Blazar BR, Quinones RR, Heinitz KJ, Sevenich EA, Filipovich AH. Comparison of three techniques for the ex vivo elimination of T cells from human bone marrow. Exp Hematol 1985;13:123-128.
	25.	Yaswen P, Hayner NT, Fausto N. Isolation of oval cells by centrifugal elutriation and comparison with other cell types purified from normal and preneoplastic livers. Cancer Res 1984;44:324-331.
	26.	Naughton BA, Gamba-Vitalo C, Naughton GK, Liu P, Gordon AS. Granulopoiesis and colony stimulating factor production in regenerating liver. Exp Hematol 1982;10:451-458.
	27.	Hays EF, Firkin FC, Koga Y, Hays DM. Hemopoietic colony forming cells in regenerating mouse liver. J Cell Physiol 1975;86:213-219.
	28.	Moore MA, Metcalf D. Ontogeny of the haemopoietic system: yolk sac origin of in vivo and in vitro colony forming cells in the developing mouse embryo. Br J Haematol 1970;18:279-296.
QW	29.	Barker JE, Keenan MA, Raphals L. Development of the mouse hematopoietic system.

NY02:428153.1	
Examiner 	Date Considered 2/4/04

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.